PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with blicable fee(s), to: Mail Mail Stop ISSUB Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 (703) 746 4000



				<u>ax</u> (703) 740-4000		
appropriate. All further co	orrespondence including the libelow or directed otherwise	Patent, advance of	rders and notif	PUBLICATION FEE (if required fication of maintenance fees we new correspondence address;	vill be mailed to the current	correspondence address as
CURRENT CORRESPONDEN	CE ADDRESS (Note: Use Block 1 for	any change of address)		Note: A certificate of Fee(s) Transmittal. Th	mailing can only be used for is certificate cannot be used	or domestic mailings of the for any other accompanying
7590 12/17/2004				papers. Each additiona have its own certificate	al paper, such as an assignment of mailing or transmission.	ent or formal drawing, must
				Cer I hereby certify that th States Postal Service v addressed to the Mai transmitted to the USP	tificate of Mailing or Trans is Fee(s) Transmittal is bein with sufficient postage for fir I Stop ISSUE FEE address TO (703) 746-4000, on the	smission g deposited with the United st class mail in an envelope above, or being facsimile late indicated below.
washington, DCx	2000 2000 2000 1 - 4	ιΘ.				(Depositor's name)
	1	200	5 범			(Signature)
		MAR 1 1 200	OEE!			(Date)
APPLICATION NO.	FILING DATE		PAST NAMED	INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/724,229	12/01/2003	TRADES	Tamotsi	ı Tano	07481.0029	9755
APPLN. TYPE	SMALL ENTITY	ISSUE F	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	onprovisional NO \$140		0	\$300 \$1700 03/17/2005		03/17/2005
EXAMINER		ART UNIT		CLASS-SUBCLASS		
HA, NGUYEN T		2831	l	361-502000		
	1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			or printing on the patent front page, list the names of up to 3 registered patent attorneys gents OR, alternatively, the name of a single firm (having as a member a stered attorney or agent) and the names of up to gistered patent attorneys or agents. If no name is d, no name will be printed. FINNEGAN, HENDERS FARABOW, GARRET T & DUNNER, LLP		
CFR 1.363). Change of correspon Address form PTO/SB/I "Fee Address" indica PTO/SB/47; Rev 03-02	idence address (or Change of 122) attached. ation (or "Fee Address" Indica	Correspondence	(1) the name or agents C (2) the name registered are 2 registered	nes of up to 3 registered pater. OR, alternatively, ne of a single firm (having as a attorney or agent) and the nam d patent attorneys or agents. If	t attorneys FINNI FARA FARA FARA Set of up to	BOW, GARRETT
CFR 1.363). Change of correspon Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required.	idence address (or Change of 122) attached. ation (or "Fee Address" Indica	Correspondence ation form	(1) the nan or agents C (2) the nan registered : 2 registered listed, no n	nes of up to 3 registered pater PR, alternatively, ne of a single firm (having as a attorney or agent) and the nam d patent attorneys or agents. If ame will be printed.	t attorneys FINNI FARA FARA FARA Set of up to	BOW, GARRETT
CFR 1.363). Change of correspon Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. ASSIGNEE NAME ANI PLEASE NOTE: Unles	idence address (or Change of 122) attached. ation (or "Fee Address" Indica or more recent) attached. Use	Correspondence ation form of a Customer E PRINTED ON Colow, no assignee	(1) the nan or agents C (2) the nan registered a registered listed, no n THE PATENT data will appe	nes of up to 3 registered pater OR, alternatively, ne of a single firm (having as a attorney or agent) and the nam d patent attorneys or agents. If ame will be printed. (print or type) ear on the patent. If an assign	a member a les of up to no name is 1 FINNI 2 FARA 3 & DUI	BOW, GARRETT
CFR 1.363). Change of correspon Address form PTO/SB/I "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. ASSIGNEE NAME AND PLEASE NOTE: Unles recordation as set forth it.	dence address (or Change of 122) attached. ation (or "Fee Address" Indicator more recent) attached. Use D RESIDENCE DATA TO B as an assignee is identified bein 37 CFR 3.11. Completion of the	Correspondence ation form of a Customer E PRINTED ON clow, no assignee of this form is NO	(1) the nan or agents C (2) the nan registered a registered listed, no n THE PATENT data will apper T a substitute f	nes of up to 3 registered pater OR, alternatively, ne of a single firm (having as a attorney or agent) and the name d patent attorneys or agents. If ame will be printed. (print or type) tear on the patent. If an assign for filing an assignment. E: (CITY and STATE OR COU	a member a less of up to no name is 2 FARA a best of up to no name is 3 & DUI bee is identified below, the decimal of the property of the pr	BOW, GARRETT
CFR 1.363). Change of correspon Address form PTO/SB/I "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. ASSIGNEE NAME ANI PLEASE NOTE: Unles recordation as set forth i (A) NAME OF ASSIGN	dence address (or Change of 122) attached. ation (or "Fee Address" Indica or more recent) attached. Use D RESIDENCE DATA TO B as an assignee is identified bein 37 CFR 3.11. Completion NEE	Correspondence ation form of a Customer E PRINTED ON clow, no assignee of this form is NO	(1) the nan or agents C (2) the nan registered and registered selected, no nate of the part of the par	nes of up to 3 registered pater OR, alternatively, are of a single firm (having as a attorney or agent) and the named patent attorneys or agents. If ame will be printed. (print or type) car on the patent. If an assign for filing an assignment. E: (CITY and STATE OR COLO, Japan	a member a less of up to no name is 2 FARA a best of up to no name is 3 & DUI bee is identified below, the decimal of the property of the pr	BOW, GARRETT
CFR 1.363). Change of correspon Address form PTO/SB/I "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. ASSIGNEE NAME AND PLEASE NOTE: Unles recordation as set forth it (A) NAME OF ASSIGN Nippon Of JEOL. Ltd.	dence address (or Change of 122) attached. ation (or "Fee Address" Indica or more recent) attached. Use D RESIDENCE DATA TO B as an assignee is identified bein 37 CFR 3.11. Completion were	Correspondence Ition form of a Customer E PRINTED ON clow, no assignee of this form is NO	(1) the nan or agents C (2) the nan registered: 2 registered listed, no n THE PATENT data will apper T a substitute f B) RESIDENC TOKY	nes of up to 3 registered pater OR, alternatively, ne of a single firm (having as a attorney or agent) and the nam d patent attorneys or agents. If ame will be printed. (print or type) ear on the patent. If an assign for filing an assignment. E: (CITY and STATE OR COUD., Japan	that attorneys a member a less of up to no name is a below, the delivery of the second of the seco	BOW, GARRETT NNER, LLP locument has been filed for
CFR 1.363). Change of correspon Address form PTO/SB/4 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. ASSIGNEE NAME ANI PLEASE NOTE: Unles recordation as set forth in (A) NAME OF ASSIGN Nippon Of JEOL Lto Nippon Of JEOL Lto Nippon Of lease check the appropriat a. The following fee(s) are	dence address (or Change of 122) attached. ation (or "Fee Address" Indica or more recent) attached. Use D RESIDENCE DATA TO B is an assignee is identified bein 37 CFR 3.11. Completion NEE il Corporation d. Petroleum Refine assignee category or catego	Correspondence Ition form of a Customer E PRINTED ON clow, no assignee of this form is NO (Fining Co., ries (will not be presented)	(1) the nan or agents C (2) the nan registered a registered listed, no n THE PATENT data will apper T a substitute for a substitute for Tokyo Tokyo Ltd., Trinted on the pa	nes of up to 3 registered pater OR, alternatively, are of a single firm (having as a attorney or agent) and the name d patent attorneys or agents. If ame will be printed. (print or type) car on the patent. If an assign for filing an assignment. E: (CITY and STATE OR COUD., Japan TO, Japan TOKYO Japan	that attorneys The properties of up to no name is The properties of up to no name is The properties of the properties	BOW, GARRET TINNER, LLP
CFR 1.363). Change of correspon Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. ASSIGNEE NAME ANI PLEASE NOTE: Unles recordation as set forth in the control of the corresponding of	dence address (or Change of 122) attached. ation (or "Fee Address" Indica or more recent) attached. Use D RESIDENCE DATA TO B is an assignee is identified bein 37 CFR 3.11. Completion on the Corporation of the Address of the Petroleum Refiner assignee category or category enclosed:	Correspondence Ition form of a Customer E PRINTED ON Clow, no assignee of this form is NO (I	(1) the nan or agents C (2) the nan registered a registered red listed, no	nes of up to 3 registered pater OR, alternatively, are of a single firm (having as a attorney or agent) and the name dipatent attorneys or agents. If ame will be printed. (print or type) car on the patent. If an assign for filing an assignment. E: (CITY and STATE OR COUNTY OF Japan (OKYO Japan) (OKYO Japan (OKYO Ja	that attorneys The properties of up to no name is The properties of up to no name is The properties of up to no name is The properties of the properties of up to no name is The properties of the properties	BOW, GARRETT NNER, LLP locument has been filed for
CFR 1.363). Change of correspon Address form PTO/SB/I "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. ASSIGNEE NAME ANI PLEASE NOTE: Unles recordation as set forth i (A) NAME OF ASSIGN Nippon Of JEOL Lto Nippon Of JEOL Lto Nippon Please check the appropriate at The following fee(s) are Publication Fee (No	dence address (or Change of 122) attached. ation (or "Fee Address" Indica or more recent) attached. Use D RESIDENCE DATA TO B is an assignee is identified bein 37 CFR 3.11. Completion of the Corporation of the Petroleum Refiner assignee category or category enclosed:	Correspondence Ition form of a Customer E PRINTED ON Clow, no assignee of this form is NO (I	(1) the nan or agents C (2) the nan registered a 2 registered listed, no	nes of up to 3 registered pater OR, alternatively, ne of a single firm (having as a attorney or agent) and the nam d patent attorneys or agents. If ame will be printed. (print or type) car on the patent. If an assign for filing an assignment. E: (CITY and STATE OR COUNTY OF Japan TO, Japan T	that attorneys The property of the property o	BOW, GARRET TO NNER, LLP locument has been filed for oup entity Government
CFR 1.363). Change of correspond Address form PTO/SB/I "Fee Address" indication of the provided and the provided and the provided and the properties of th	dence address (or Change of 122) attached. ation (or "Fee Address" Indica or more recent) attached. Use D RESIDENCE DATA TO B is an assignee is identified bein 37 CFR 3.11. Completion of the completion of the completion of the petroleum Refiner assignee category or category enclosed: small entity discount permitted of Copies	Correspondence Ition form of a Customer E PRINTED ON Clow, no assignee of this form is NO (E Pries (Will not be put) (I) (I) (I) (I) (I) (I) (I) ((1) the nan or agents C (2) the nan registered a 2 registered listed, no	nes of up to 3 registered pater OR, alternatively, are of a single firm (having as a attorney or agent) and the nam d patent attorneys or agents. If ame will be printed. (print or type) ear on the patent. If an assign for filing an assignment. E: (CITY and STATE OR COUNTY OF Japan COLYO Japan COLYO Japan Fockyo Japan Individual County OFFEC(S): In the amount of the fee(s) is en by credit card. Form PTO-2038 ctor is hereby authorized by clean of the patent of the fee(s) is considered in the properties of the	that attorneys The property of the property o	BOW, GARRET T NNER, LLP locument has been filed for oup entity Government credit any overpayment, to
CFR 1.363). Change of correspond Address form PTO/SB/I "Fee Address" indicate PTO/SB/47; Rev 03-02 Number is required. ASSIGNEE NAME AND PLEASE NOTE: Unles recordation as set forth in the corresponding of the corresp	dence address (or Change of 122) attached. ation (or "Fee Address" Indica or more recent) attached. Use D RESIDENCE DATA TO B is an assignee is identified bein 37 CFR 3.11. Completion of the Corporation of the Petroleum Refiner assignee category or category enclosed:	Correspondence Ition form of a Customer E PRINTED ON (Button is NO) (Ining Co., ries (will not be properties) (Ining Co.)	(1) the nan or agents C (2) the nan registered a 2 registered isted, no	nes of up to 3 registered pater OR, alternatively, are of a single firm (having as a attorney or agent) and the nam d patent attorneys or agents. If ame will be printed. (print or type) ear on the patent. If an assign for filing an assignment. E: (CITY and STATE OR COUNTY OF Japan COLYO Japan COLYO Japan Fockyo Japan Individual County OFFEC(S): In the amount of the fee(s) is en by credit card. Form PTO-2038 ctor is hereby authorized by clean of the patent of the fee(s) is considered in the properties of the	the attorneys 1 FINNI a member a less of up to no name is 2 & DUI nee is identified below, the december a less of up to no name is 3 & DUI nee is identified below, the december and the december a less of up to no name is 3 & DUI nee is identified below, the december and the dec	BOW, GARRET TONNER, LLP locument has been filed for loup entity Government credit any overpayment, to loopy of this form).

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Typed or printed name James W. Edmondson

Authorized Signature

00000113 10724229

300.00 DP

03/14/2005 JADDO2

Registration No.

01 FC:150Date 02 FC:1504